

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 – 16. Cancelled.

17. (Currently Amended) A method for determining the relative concentrations of two or more components in a sample comprising:

obtaining a nuclear magnetic resonance spectrum of the sample, wherein said sample comprises a ~~polymer or mixture of polymers~~ a soft segment BPA polycarbonate polymer;

identifying resonance packets from the spectrum;

integrating said resonance packets;

identifying the number of nuclei that contribute to the integral data of said resonance packets, wherein said nuclei are ^1H or ^{13}C ; and

determining the relative concentration of each component in said sample based on the integral data and on the number of nuclei.

18. (Original) The method of claim 17, wherein said sample is in solution.

19-22. Cancelled.

23. (Previously Presented) The method of claim 17 wherein said nuclei are ^{13}C .

24. (Previously Presented) The method of claim 17, wherein said nuclei are ^1H .

25. Cancelled.